

Title (en)

Pharmaceutical composition comprising poorly soluble active ingredient and hyperbranched polymer

Title (de)

Pharmazeutische Zusammensetzung mit einem schlecht löslichen aktiven Wirkstoff und hyperververzweigtem Polymer

Title (fr)

Composition pharmaceutique comprenant un principe actif peu soluble et un polymère hyper-ramifié

Publication

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Application

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Priority

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Abstract (en)

The present invention belongs to the field of pharmaceutical industry and relates to a pharmaceutical composition comprising at least one hyperbranched polymer and at least one pharmaceutically active ingredient, wherein the polymer and the pharmaceutically active ingredient are present in a specific weight ratio, and to a process for the preparation of said pharmaceutical composition. The present invention is also directed to a powder or granulate comprising at least one hyperbranched polymer and at least one pharmaceutically active ingredient in a specific weight ratio, to a process for the preparation of said powder or granulate, and to a pharmaceutical dosage form comprising the pharmaceutical composition, powder or granulate. Furthermore, the present invention relates to a process for preparing a solid dispersion of a hyperbranched polymer and at least one API. Moreover, it relates to the use of a crystalline carrier for the preparation of a mixture of hyperbranched polymer and a pharmaceutically active ingredient, as well as to the use of dendrimeric polyesteramide hyperbranched polymers for the preparation of a pharmaceutical composition, to the use of a hydrophilic or hydrophobic carrier for the preparation of said composition comprising a specific group of API, and to the use of a specific API and at least one hyperbranched polymer for the preparation of a pharmaceutical composition.

IPC 8 full level

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Citation (applicant)

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